Supplemental Digital Content 5: Sensitivity analysis of the association between baseline depression and HIV and IDU outcomes at month 12 (n=502). [a,b]

Month 12 Outcomes	Estimated Probability of Outcome		Probability Difference (95% CI)	Probability Ratio (95% CI)
	D+	D-		
Alive and using ART				
Indonesia	40.7	35.5	-0.04 (-0.24, 0.17)	0.90 (0.51, 1.60)
Ukraine	42.7	40.0	0.09 (-0.14, 0.31)	1.25 (0.67, 2.35)
Vietnam	60.6	61.1	0.07 (-0.08, 0.22)	1.12 (0.87, 1.44)
Overall	48.3	49.2	0.05 (-0.07, 0.17)	1.11 (0.86, 1.43)
Alive with viral suppression (<40 copies per mL)				
Indonesia	15.3	12.9	0.01 (-0.11, 0.14)	1.13 (0.42, 3.04)
Ukraine	31.2	30.0	0.02 (-0.19, 0.24)	1.08 (0.52, 2.25)
Vietnam	33.3	32.6	0.03 (-0.11, 0.16)	1.08 (0.69, 1.70)
Overall	28.9	25.7	0.02 (-0.08, 0.13)	1.09 (0.73, 1.64)

Alive and using MAT				
Indonesia	25.4	16.1	0.05 (-0.10, 0.19)	1.29 (0.56, 2.96)
Ukraine	17.8	26.7	-0.11 (-0.32, 0.09)	0.60 (0.28, 1.31)
Vietnam	31.3	42.1	-0.06 (-0.21, 0.08)	0.84 (0.56, 1.26)
Overall	23.5	31.0	-0.07 (-0.17, 0.04)	0.78 (0.54, 1.13)
Daily IDU or deceased				
Indonesia	37.3	27.4	0.15 (-0.06, 0.36)	1.63 (0.85, 3.12)
Ukraine	57.3	63.3	-0.18 (-0.36, 0.01)	0.76 (0.59, 0.99)
Vietnam	33.3	24.2	0.06 (-0.09, 0.20)	1.21 (0.74, 1.99)
Overall	45.7	31.6	-0.01 (-0.14, 0.11)	0.98 (0.74, 1.29)

[a] Participants with PHQ-9 score of 5 or above were classified as those having depressive symptoms (mild, moderate, or severe) and compared with the participants without depressive symptoms.

[b] Adjusted estimates accounted for the following baseline covariates: study site, study arm, gender (Ukraine only), educational attainment (Ukraine only), employment status, ART status, MAT status, relationship status, age, CD4+ count, years since HIV

diagnosis, and age of IDU initiation. Continuous variables were fit using a restricted cubic spline with 4 equally spaced knots.

Multiple imputation was used throughout, and probabilities of each outcome were estimated from adjusted models.